

# AI BASED DIABETES PREDICTION SYSTEM

## PHASE 4 :- DEVELOPMENT PART 2

`<!DOCTYPE html>`: This is the document type declaration (DOCTYPE) for HTML. It tells the browser that the document is written in HTML5.`<html>`: This is the root element of the HTML document, and it encloses all the content on the page. `<head>`: This section contains meta-information and links to external resources related to the web page but is not displayed on the actual web page.`<meta charset="UTF-8">`: This meta tag specifies the character encoding for the document, which is UTF-8 (a character encoding that supports a wide range of characters)

`<title>Diabetes Predictor</title>`: This sets the title of the web page, which is displayed in the browser's title bar or tab. Several `<link>` tags: These tags are used to link to external resources, such as fonts from Google Fonts. They make various fonts available for use on the web page.`<body>`: This section contains the visible content of the web page that will be displayed in the browser. Inside the `<body>` element, there is a `<div>` with the class "login." This is a container for the content of the login form. Inside the `<div>`, there's an `<h1>` element with the text "Diabetes Predictor," which is a heading displayed at the top of the form. A `<form>` element is defined with an action attribute. The action attribute seems to use a placeholder "`{{ url_for('predict') }}`" for the form submission URL. This suggests that it's intended for a web application framework like Flask, where `url_for` is used to generate URLs. Inside the `<form>`, there are several `<input>` elements. These are form fields where users can input data. The inputs have various attributes, including name, placeholder, and required. They are labeled for "Glucose Level," "Insulin," "BMI," and "Age." Finally, there's a `<button>` element with the text "Predict." This button is used to submit the form. After the form, there's a line break (`<br>`) to create some space below the form.

## PROGRAM

```
<!DOCTYPE html>

<html >

<!--From https://codepen.io/frytyler/pen/EGdtg-->

<head>

<meta charset="UTF-8">

<title>Diabetes Predictor</title>

  <linkhref='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>

<linkhref='https://fonts.googleapis.com/css?family=Arimo'
rel='stylesheet' type='text/css'>

<linkhref='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>

<linkhref='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="{{ url_for('static', filename='css/style.css') }}">

</head>

<body>

  <div class="login">

    <h1>Diabetes Predictor</h1>

    <form action="{{ url_for('predict') }}"method="post">

      <input type="text" name="Glucose Level" placeholder="Glucose Level"
```

```
required="required" />
```

```
  <input type="text" name="Insulin" placeholder="Insulin"
required="required" />
```

```
  <input type="text" name="BMI" placeholder="BMI" required="required" />
```

```
  <input type="text" name="Age" placeholder="Age" required="required" />
```

```
  <button type="submit" class="btn btn-primary btn-block btn-
large">Predict</button>
```

```
</form>
```

```
<br>
```

```
</div>
```

```
</body>
```

```
</html>
```

## OUTPUT

---

# Diabetes Predictor

Glucose Level	Insulin
BMI	Age
<input type="button" value="Predict"/>	

## CONCLUSION

Overall, this HTML code represents a simple web page for a "Diabetes Predictor" where users can input data related to glucose level, insulin, BMI, and age, and then click a "Predict" button. The form is intended to submit data to a server-side script, but the actual URL for form submission is currently a placeholder ("`{{ url_for('predict') }}`") and should be replaced with the correct server endpoint for processing the form data.

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